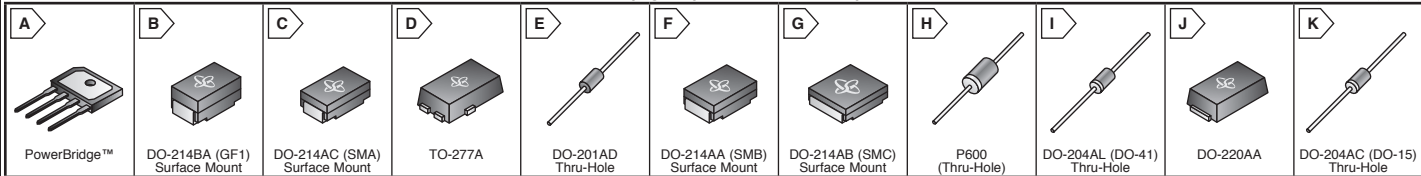


VISHAY Rectifiers

RoHS Compliant This page of product is RoHS compliant.



ENHANCED POWER BRIDGE

| MOUSER STOCK NO. | Vishay Part No. | Fig. | I _F (AV) | PRV (V) | IFM Surge (A) | Price Each | | | |
|------------------|-----------------|------|---------------------|---------|---------------|---|------|------|------|
| | | | | | | 1 | 100 | 500 | 1000 |
| | | | | | | For quantities greater than listed, call for quote. | | | |
| 625-PB3006-E3/45 | PB3006-E3/45 | A | 30.0A | 600 | 240 | 3.18 | 2.33 | 1.87 | 1.58 |
| 625-PB3008-E3/45 | PB3008-E3/45 | A | 30.0A | 800 | 240 | 3.18 | 2.33 | 1.87 | 1.58 |
| 625-PB3010-E3/45 | PB3010-E3/45 | A | 30.0A | 1KV | 240 | 3.18 | 2.33 | 1.87 | 1.58 |
| 625-PB3506-E3 | PB3506-E3/45 | A | 35.0A | 600 | 350 | 3.08 | 2.25 | 1.81 | 1.53 |
| 625-PB3508-E3/45 | PB3508-E3/45 | A | 35.0A | 800 | 350 | 3.08 | 2.25 | 1.81 | 1.53 |
| 625-PB3510-E3/45 | PB3510-E3/45 | A | 35.0A | 1KV | 350 | 3.08 | 2.25 | 1.81 | 1.53 |
| 625-PB4006-E3 | PB4006-E3/45 | A | 40.0A | 600 | 400 | 3.30 | 2.41 | 1.94 | 1.64 |
| 625-PB4008-E3/45 | PB4008-E3/45 | A | 40.0A | 800 | 400 | 3.30 | 2.41 | 1.94 | 1.64 |
| 625-PB4010-E3/45 | PB4010-E3/45 | A | 40.0A | 1KV | 400 | 3.30 | 2.41 | 1.94 | 1.64 |
| 625-PB5006-E3 | PB5006-E3/45 | A | 50.0A | 600 | 450 | 3.78 | 2.76 | 2.22 | 1.88 |
| 625-PB5008-E3/45 | PB5008-E3/45 | A | 50.0A | 800 | 450 | 3.78 | 2.76 | 2.22 | 1.88 |
| 625-PB5010-E3/45 | PB5010-E3/45 | A | 50.0A | 1KV | 450 | 3.78 | 2.76 | 2.22 | 1.88 |

FAST RECOVERY (CONT.)

| MOUSER STOCK NO. | Vishay Part No. | Fig. | I _F (AV) | PRV (V) | IFM Surge (A) | Price Each | | | |
|------------------|-----------------|------|---------------------|---------|---------------|---|------|------|-----|
| | | | | | | 1 | 10 | 100 | 100 |
| | | | | | | For quantities greater than listed, call for quote. | | | |
| 625-AU1PK-M3/84A | AU1PK-M3/84A | J | 1.0A | 800 | 25 | .54 | .357 | .221 | |
| 625-RS2D-E3 | RS2D-E3/52T | E | 1.5A | 200 | 50 | .44 | .257 | .15 | |
| 625-RS2G-E3 | RS2G-E3/52T | E | 1.5A | 400 | 50 | .44 | .257 | .15 | |
| 625-RS2J-E3 | RS2J-E3/52T | E | 1.5A | 600 | 50 | .47 | .276 | .16 | |
| 625-RS2K-E3 | RS2K-E3/52T | E | 1.5A | 800 | 50 | .43 | .323 | .24 | |
| 625-AU2PD-M3/86A | AU2PD-M3/86A | D | 2.0A | 200 | 30 | .75 | .589 | .447 | |
| 625-RS3B-E3 | RS3B-E3/57T | F | 3.0A | 100 | 100 | .56 | .371 | .231 | |
| 625-RS3D-E3 | RS3D-E3/57T | F | 3.0A | 200 | 100 | .56 | .371 | .231 | |
| 625-RS3G-E3 | RS3G-E3/57T | F | 3.0A | 400 | 100 | .56 | .371 | .231 | |
| 625-RS3J-E3 | RS3J-E3/57T | F | 3.0A | 600 | 100 | .56 | .371 | .231 | |
| 625-RS3K-E3 | RS3K-E3/57T | F | 3.0A | 800 | 100 | .68 | .508 | .378 | |
| 625-AR3PD-M3/86A | AR3PD-M3/86A | D | 3.0A | 200 | 50 | .76 | .598 | .454 | |
| 625-AR3PG-M3/86A | AR3PG-M3/86A | D | 3.0A | 400 | 50 | .76 | .598 | .454 | |
| 625-AU3PG-M3/86A | AU3PG-M3/86A | D | 3.0A | 400 | 45 | .94 | .756 | .581 | |
| 625-AR3PK-M3/86A | AR3PK-M3/86A | D | 3.0A | 800 | 50 | .83 | .651 | .494 | |
| 625-AR4PD-M3/86A | AR4PD-M3/86A | D | 4.0A | 200 | 65 | .90 | .728 | .559 | |

STANDARD SILICON

| MOUSER STOCK NO. | Vishay Part No. | Fig. | I _F (AV) | PRV (V) | IFM Surge (A) | Price Each | | | |
|------------------|-----------------|------|---------------------|---------|---------------|---|------|-----|------|
| | | | | | | 1 | 100 | 500 | 1000 |
| | | | | | | For quantities greater than listed, call for quote. | | | |
| 625-GF1A-E3 | GF1A-E3/17A | B | 1.0A | 50 | 30 | .42 | .234 | | |
| 625-S1A-E3 | S1A-E3/61T | C | 1.0A | 50 | 30 | .29 | .097 | | |
| 625-GF1B-E3 | GF1B-E3/67A | B | 1.0A | 100 | 30 | .42 | .234 | | |
| 625-S1B-E3 | S1B-E3/61T | C | 1.0A | 100 | 30 | .29 | .097 | | |
| 625-GF1D-E3 | GF1D-E3/67A | B | 1.0A | 200 | 30 | .42 | .234 | | |
| 625-S1D-E3 | S1D-E3/61T | C | 1.0A | 200 | 30 | .29 | .097 | | |
| 625-GF1G-E3 | GF1G-E3/67A | B | 1.0A | 400 | 30 | .42 | .234 | | |
| 625-S1G-E3 | S1G-E3/61T | C | 1.0A | 400 | 30 | .29 | .097 | | |
| 625-GF1J-E3 | GF1J-E3/67A | B | 1.0A | 600 | 30 | .42 | .234 | | |
| 625-S1J-E3 | S1J-E3/61T | C | 1.0A | 600 | 30 | .29 | .097 | | |
| 625-S1K-E3 | S1K-E3/61T | C | 1.0A | 800 | 30 | .29 | .097 | | |
| 625-GF1M-E3 | GF1M-E3/67A | B | 1.0A | 1000 | 30 | .52 | .286 | | |
| 625-S1M-E3 | S1M-E3/61T | C | 1.0A | 1000 | 30 | .29 | .097 | | |
| 625-1N4001-E3/54 | 1N4001-E3/54 | D | 1.0A | 50 | 30 | .22 | .079 | | |
| 625-S2A-E3 | S2A-E3/52T | E | 2.0A | 50 | 50 | .44 | .134 | | |
| 625-S2B-E3 | S2B-E3/52T | E | 2.0A | 100 | 50 | .44 | .134 | | |
| 625-S2D-E3 | S2D-E3/52T | E | 2.0A | 200 | 50 | .44 | .134 | | |
| 625-S2G-E3 | S2G-E3/52T | E | 2.0A | 400 | 50 | .44 | .134 | | |
| 625-S2J-E3 | S2J-E3/52T | E | 2.0A | 600 | 50 | .48 | .145 | | |
| 625-S2K-E3 | S2K-E3/52T | E | 2.0A | 800 | 50 | .48 | .145 | | |
| 625-S2M-E3 | S2M-E3/52T | E | 2.0A | 1000 | 50 | .48 | .145 | | |
| 625-S3A-E3 | S3A-E3/57T | F | 3.0A | 50 | 100 | .45 | .185 | | |
| 625-S3B-E3 | S3B-E3/57T | F | 3.0A | 100 | 100 | .45 | .185 | | |
| 625-S3D-E3 | S3D-E3/57T | F | 3.0A | 200 | 100 | .45 | .185 | | |
| 625-S3G-E3 | S3G-E3/57T | F | 3.0A | 400 | 100 | .41 | .169 | | |
| 625-S3J-E3 | S3J-E3/57T | F | 3.0A | 600 | 100 | .45 | .185 | | |
| 625-S3K-E3 | S3K-E3/57T | F | 3.0A | 800 | 100 | .45 | .185 | | |
| 625-S3M-E3 | S3M-E3/57T | F | 3.0A | 1000 | 100 | .45 | .185 | | |
| 625-1N5400-E3 | 1N5400-E3/54 | G | 3.0A | 50 | 200 | .56 | .23 | | |
| 625-1N5401-E3/54 | 1N5401-E3/54 | G | 3.0A | 100 | 200 | .56 | .23 | | |
| 625-1N5402-E3/54 | 1N5402-E3/54 | G | 3.0A | 200 | 200 | .56 | .23 | | |
| 625-1N5404-E3 | 1N5404-E3/54 | G | 3.0A | 400 | 200 | .56 | .23 | | |
| 625-1N5406-E3/54 | 1N5406-E3/54 | G | 3.0A | 600 | 200 | .56 | .23 | | |
| 625-1N5407-E3/54 | 1N5407-E3/54 | G | 3.0A | 800 | 200 | .56 | .23 | | |
| 625-1N5408-E3 | 1N5408-E3/54 | G | 3.0A | 1000 | 200 | .56 | .23 | | |
| 625-S5B-E3 | S5B-E3/57T | F | 5.0A | 100 | 100 | .47 | .259 | | |
| 625-S5D-E3 | S5D-E3/57T | F | 5.0A | 200 | 100 | .46 | .192 | | |
| 625-S5G-E3 | S5G-E3/57T | F | 5.0A | 400 | 100 | .48 | .199 | | |
| 625-S5J-E3 | S5J-E3/57T | F | 5.0A | 600 | 100 | .43 | .238 | | |
| 625-S5M-E3 | S5M-E3/57T | F | 5.0A | 1000 | 100 | .48 | .199 | | |
| 625-G1750-E3/54 | G1750-E3/54 | H | 6.0A | 50 | 400 | .70 | .419 | | |
| 625-G1754-E3/54 | G1754-E3/54 | H | 6.0A | 400 | 400 | .70 | .419 | | |

FAST RECOVERY GLASS PASSIVATED

| MOUSER STOCK NO. | Vishay Part No. | Fig. | I _F (AV) | PRV (V) | IFM Surge (A) | Price Each | | | |
|------------------|-----------------|------|---------------------|---------|---------------|---|------|------|------|
| | | | | | | 1 | 100 | 500 | 1000 |
| | | | | | | For quantities greater than listed, call for quote. | | | |
| 625-1N4934GP-E3 | 1N4934GP-E3/54 | I | 1.0A | 100 | 200 | .40 | .123 | .099 | .073 |
| 625-1N4935GP-E3 | 1N4935GP-E3/54 | I | 1.0A | 200 | 200 | .46 | .156 | .127 | .097 |
| 625-1N4936GP-E3 | 1N4936GP-E3/54 | I | 1.0A | 400 | 200 | .46 | .156 | .127 | .097 |
| 625-1N4937GP-E3 | 1N4937GP-E3/54 | I | 1.0A | 600 | 200 | .46 | .156 | .127 | .097 |

ULTRA FAST

| MOUSER STOCK NO. | Vishay Part No. | Fig. | I _F (AV) | PRV (V) | IFM Surge (A) | Price Each | | | |
|------------------|-----------------|------|---------------------|---------|---------------|---|------|------|------|
| | | | | | | 1 | 10 | 100 | 500 |
| | | | | | | For quantities greater than listed, call for quote. | | | |
| 625-EGF1A-E3 | EGF1A-E3/67A | B | 1.0A | 50 | 30 | .67 | .496 | .368 | .312 |
| 625-ES1A-E3 | ES1A-E3/61T | C | 1.0A | 50 | 30 | .48 | .274 | .147 | .118 |
| 625-US1A-E3 | US1A-E3/61T | C | 1.0A | 50 | 30 | .47 | .311 | .193 | .174 |
| 625-ES1B-E3 | ES1B-E3/61T | C | 1.0A | 100 | 30 | .48 | .274 | .147 | .118 |
| 625-US1B-E3 | US1B-E3/61T | C | 1.0A | 100 | 30 | .48 | .274 | .146 | .117 |
| 625-ES1C-E3 | ES1C-E3/61T | C | 1.0A | 150 | 30 | .48 | .274 | .147 | .118 |
| 625-EGF1D-E3 | EGF1D-E3/67A | B | 1.0A | 200 | 30 | .67 | .496 | .368 | .312 |
| 625-ES1D-E3 | ES1D-E3/61T | C | 1.0A | 200 | 30 | .48 | .274 | .147 | .118 |
| 625-ES1PD-M3/84A | ES1PD-M3/84A | I | 1.0A | 200 | 30 | .45 | .338 | .251 | .213 |
| 625-MURS120-E3 | MURS120-E3/52T | E | 1.0A | 200 | 40 | .52 | .306 | .178 | .145 |
| 625-US1D-E3 | US1D-E3/61T | C | 1.0A | 200 | 30 | .48 | .282 | .164 | .133 |
| 625-MURS140-E3 | MURS140-E3/52T | E | 1.0A | 400 | 40 | .47 | .35 | .26 | .22 |
| 625-US1G-E3 | US1G-E3/61T | B | 1.0A | 400 | 30 | .48 | .282 | .164 | .133 |
| 625-MURS160-E3 | MURS160-E3/52T | E | 1.0A | 600 | 40 | .42 | .278 | .173 | .155 |
| 625-US1J-E3 | US1J-E3/61T | C | 1.0A | 600 | 30 | .48 | .282 | .164 | .133 |
| 625-US1K-E3 | US1K-E3/61T | C | 1.0A | 800 | 30 | .48 | .282 | .164 | .133 |
| 625-US1M-E3 | US1M-E3/61T | C | 1.0A | 1000 | 30 | .48 | .282 | .164 | .133 |
| 78-BYG23T-M3/TR | BYG23T-M3/TR | C | 1.0A | 1300 | 18 | .57 | .381 | .236 | .213 |
| 625-UF4001-E3 | UF4001-E3/54 | I | 1.0A | 50 | 30 | .58 | .339 | .197 | .16 |
| 625-UF4002-E3 | UF4002-E3/54 | I | 1.0A | 100 | 30 | .48 | .274 | .147 | .118 |
| 625-UF4003-E3 | UF4003-E3/54 | I | 1.0A | 200 | 30 | .48 | .274 | .147 | .118 |
| 625-UF4004-E3 | UF4004-E3/54 | I | 1.0A | 400 | 30 | .48 | .274 | .147 | .118 |
| 625-UF4005-E3 | UF4005-E3/54 | I | 1.0A | 600 | 30 | .58 | .339 | .197 | .16 |
| 625-UF4006-E3 | UF4006-E3/54 | I | 1.0A | 800 | 30 | .58 | .339 | .197 | .16 |
| 625-UF4007-E3 | UF4007-E3/54 | I | 1.0A | 1000 | 30 | .43 | .288 | .179 | .161 |
| 625-AS1PD-M3/84A | AS1PD-M3/84A | J | 1.5A | 200 | 30 | .68 | .507 | .377 | .319 |
| 625-AS1PG-M3/84A | AS1PG-M3/84A | J | 1.5A | 400 | 30 | .68 | .507 | .377 | .319 |
| 625-ES2A-E3 | ES2A-E3/52T | E | 2.0A | 50 | 50 | .48 | .323 | .20 | .18 |
| 625-ES2B-E3 | ES2B-E3/52T | E | 2.0A | 100 | 50 | .48 | .323 | .20 | .18 |
| 625-ES2D-E3 | ES2D-E3/52T | E | 2.0A | 200 | 50 | .48 | .323 | .20 | .18 |
| 625-ES2F-E3 | ES2F-E3/52T | E | 2.0A | 300 | 50 | .48 | .323 | .20 | .18 |
| 625-ES2G-E3 | ES2G-E3/52T | E | 2.0A | 400 | 50 | .48 | .323 | .20 | .18 |
| 625-EGP20A-E3 | EGP20A-E3/54 | K | 2.0A | 50 | 75 | .46 | .342 | .254 | .215 |
| 625-EGP20B-E3 | EGP20B-E3/54 | K | 2.0A | 100 | 75 | .46 | .342 | .254 | .215 |
| 625-EGP20D-E3 | EGP20D-E3/54 | K | 2.0A | 200 | 75 | .46 | .342 | .254 | .215 |
| 625-AU2PJ-M3/86A | AU2PJ-M3/86A | D | 2.0A | 600 | 30 | .75 | .589 | .447 | .38 |
| 625-AU2PK-M3/86A | AU2PK-M3/86A | D | 2.0A | 800 | 30 | .79 | .62 | .47 | .40 |
| 625-AU2PM-M3/86A | AU2PM-M3/86A | D | 2.0A | 1000 | 30 | .79 | .62 | .47 | .40 |
| 625-ES3A-E3 | ES3A-E3/57T | G | 3A | 50 | 100 | .51 | .384 | .285 | .241 |
| 625-UF5400-E3 | UF5400-E3/54 | E | 3A | 50 | 150 | .64 | .476 | .354 | .299 |
| 625-ES3B-E3 | ES3B-E3/57T | G | 3A | 100 | 100 | .51 | .384 | .285 | .241 |
| 625-UF5401-E3 | UF5401-E3/54 | E | 3A | 100 | 150 | .64 | .476 | .354 | .299 |
| 625-ES3C-E3 | ES3C-E | | | | | | | | |